

In the Specificati n

Please amend the heading at page 1, line 2 as follows.

DESCRIPTION Technical Field

Please add the following heading at page 1, line 5.

Background

Please add the following heading at page 3, line 14.

Summary

Please add the following heading at page 4, line 7.

Description of the Drawing

Please add the following heading at page 4, line 16.

Detailed Description

Please amend the paragraph beginning at page 5, line 14 as follows.

Q' The shield 7 comprises a substantially rigid support element 11, which is arranged in contact with the surface 3s in correspondence with the outline 6 and which presents an annular wall 12 which is transverse to the surface 3s and through which the housing 10 is obtained. Furthermore, the shield 7 comprises a sealing lining 13 which is made of substantially elastic material, and which completely lines the two sides of the wall 12, and which presents a lip 14 which extends from the wall 12 itself towards the inner race 4 and which comes into contact with it.

Please amend the paragraph beginning at page 6, line 1 as follows.

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Ans In correspondence to the ~~housings 10 and 11~~ housing 10, the lining 13 presents a substantially annular window 15 which is completely crossed by the sensor 9, one detection surface 9s of which is arranged in the gap which occurs between the shield 7 and the encoder wheel 8 in order to directly face the encoder wheel 8 without the interposition of any kind of barrier at all.

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[Please amend the paragraph beginning at page 6, line 9 as follows.]

~~It should be pointed out that~~ More particularly, the window 15 is delimited by an elastic support wall 16 which ~~functions as a supports for~~ the sensor 9 in a stable operating configuration in which the surface 9s precisely faces the encoder wheel 8 directly. Furthermore, the wall 16 comprises a continuous sealing lip 17, which is arranged in direct contact with a lateral surface 9l of the sensor 9, and which presents a substantially conical conformation with its own top end facing opposite the rolling bearing 2 in relation to the shield 7.
